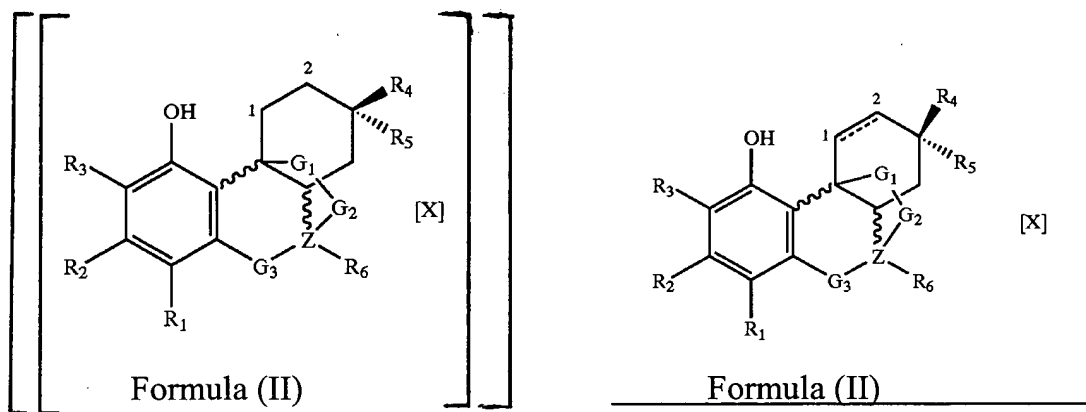


Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) ~~Compounds~~ A compound of ~~the general~~ formula (II)



in which R₁, R₂ either are the same or different and represent:

[[•]] hydrogen, F, Cl, Br, I, CN, NC, OH, SH, NO₂, SO₃H, NH₂, CF₃[[,]]; ~~or~~

~~or~~

[[•]] ~~substituted or unsubstituted~~ straight or branched lower (C₁-C₆) alkyl or alkoxy; ~~or~~

[[•]] an amino group substituted by one or more ~~substituted or unsubstituted~~ straight or branched lower (C₁-C₆) alkyl or alkyl carbonyl or alkoxy carbonyl group; ~~or~~

[[•]] a COOH, COO alkyl, ~~CONH, CON alkyl~~ CONH₂, CON(alkyl)₂ group; ~~or~~

[[•]] -(CH₂)_n-Cl, -(CH₂)_n-Br, -(CH₂)_n-OH, -(CH₂)_n-COOH, -(CH₂)_n-CN, -(CH₂)_n-NC [[,]] ~~in which;~~

[[•]] R₁-R₂ may together form -CH=CH-CH=CH-, -O-(CH₂)_n-O-, with n=1 to 3;

R₃ is ~~OCH₃~~ or the same as R₁, or

R₂-R₃ can jointly form[[:]] -O-(CH₂)_n-O-, with [[N]] n=1 to 3;

R₄, R₅[[:]] are ~~both~~ each independently hydrogen, ~~or, alternatively, any combination of hydrogen or~~ an alkyl, alkenyl, alkynyl[[,]]_i ~~or~~

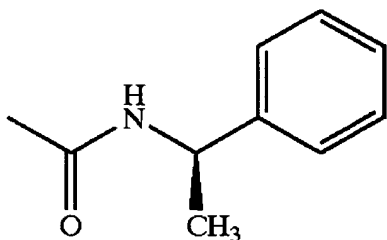
[[•]] S-R₈, wherein R₈ is hydrogen, or a ~~substituted or unsubstituted~~ straight or branched lower (C₁-C₁₀) alkyl group;

[[•]] SO-R₈, SO₂R_{8i}

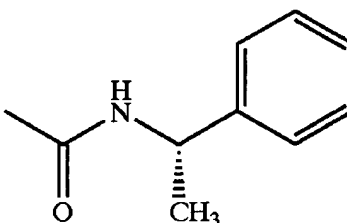
[[•]] OH, or OH substituted for H with an O-protective group;

[[•]] O-CS-N-R_{8i} (~~thiourethanes~~)

[[•]] O-CO-N-R₉, wherein R₉ has the following meaning:

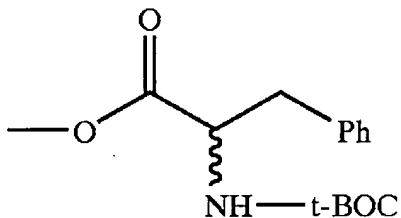
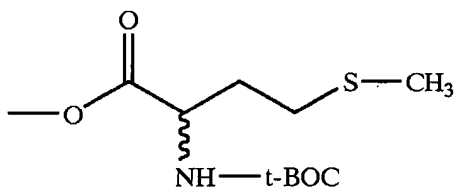
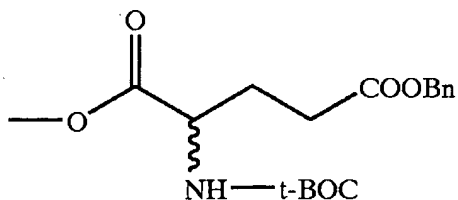


1



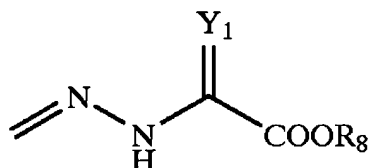
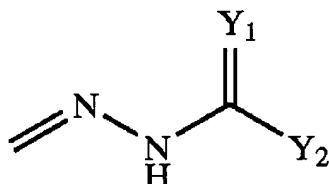
2

[[•]] O-CO-R₈[[,]]_i ~~including esters with a substitution pattern of amino acids as follows~~



[[•]] R_4, R_5 may jointly be ~~hydrazone~~ ($=N-NH-R_{10}, =N-N(R_{10}, R_{11})$), ~~oximes~~ ($=N-O-R_{11}, =N-NH-R_{10}, =N-NR_{10}R_{11}$, or $=N-O-R_{11}$), wherein R_{10} is hydrogen, ~~a substituted or unsubstituted~~ straight or branched lower (C_1-C_6) alkyl or alkyl carbonyl or alkyl carbonyloxy group ~~as well as a sulfonic acid group or~~ SO_3H , and R_{11} is hydrogen, ~~a substituted or unsubstituted~~ straight or branched lower (C_1-C_6) alkyl or alkyl carbonyl group, ~~as well as a sulfonic acid group or~~ SO_3H ;

[[•]] R_4 and R_5 may also be:



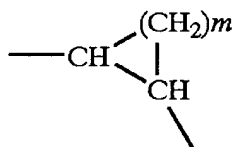
, wherein $[[Y_1, Y_2 =]]$ Y_1 is O, S, NH or N- R_{10} and Y_2 is -OH, -SH, - NH_2 or - NHR_{10} ; ~~(excess valences in each case are H)~~

~~$[[\bullet]]$ wherein, in the event that R_4 is not H, R_5 can also be OH and, in the event that R_5 is not H, R_4 can also be OH.~~

$G_1, G_2[[\cdot]]$ jointly or separately have the meaning:

~~$[[\bullet -C(R_{13}, R_{14})-]]$ $-C(R_{13}R_{14})-$, wherein R_{13}, R_{14} can be are each independently hydrogen, OH, a substituted or unsubstituted straight or branched lower alkyl, aryl, alkoxy or aryloxy group or jointly an alkyl spiro group (C_3 to C_7 spiro ring);~~

$[[\bullet]]$ G_1 and G_2 may jointly represent



with $m=1$ to 7 ;

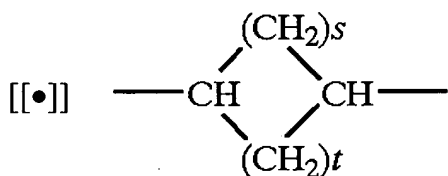
G_1 and G_2 may jointly represent a C_3 to C_7 alkyl spiro ring group;

$G_3[[:]]$ represents CH_2 or $=CO_2$

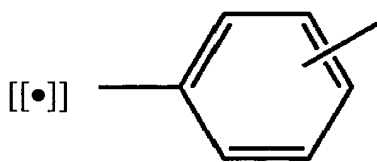
R_6 represents a group $-(G_4)_p-(G_5)_q-G_6$ with $p, q = 0-1$, in which G_4 satisfies the following definition:

$[[\bullet]]-(CH_2)_s-$, ~~$-C(R_{15}, R_{16})-(CH_2)_s-$, with $R = 1$ to 6~~ $-C(R_{15}, R_{16})-(CH_2)_s-$,
with $s = 1$ to 6 and $R_{15}, R_{16} [[:]]$ are each independently hydrogen, or substituted
~~or unsubstituted~~ straight or branched lower alkyl, cycloalkyl, or aryl groups;

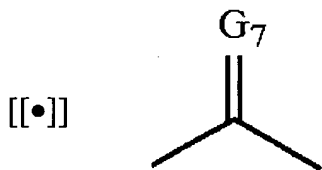
$[[\bullet]]-O-$ or $-NR_{15}$



wherein $s = 1-4$, and $t = 0-4$;



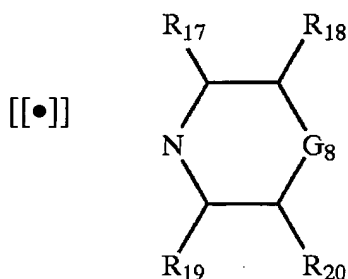
~~that is an ortho, meta or para disubstituted aromatic ; or~~



wherein $G_7 = NR_{15}$, O or S[[,]]; _i

G_5 can be identical with or different from G_4 and, in the event that [[P]] $p = 1$, additionally represents -S-[[,]]; _i

G_6 fulfills the following definition:



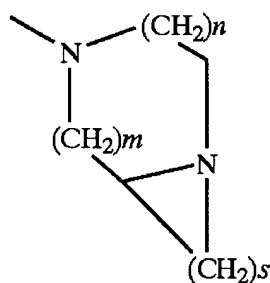
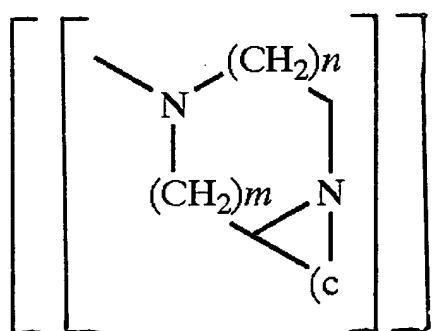
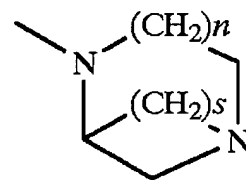
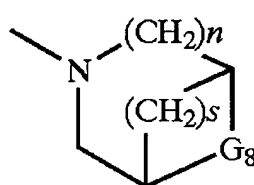
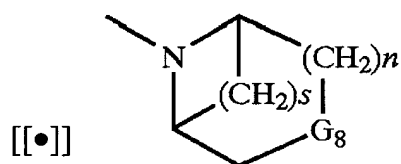
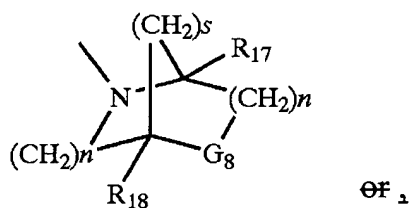
wherein

[[•]] R_{17} , R_{18} , R_{19} and R_{20} individually or jointly are the same or different, and are hydrogen, ~~substituted or unsubstituted~~ straight or branched lower alkyl, cycloalkyl or aryl groups, where R_{17} and R_{18} and R_{19} and R_{20} can jointly form a cycloalkyl group (with a ring size of 3-8); _i

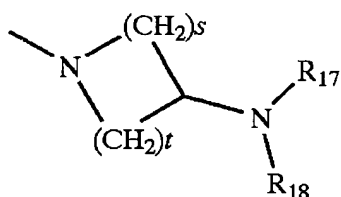
[[•]] G_8 [[=]] is O, S, NH, $NR_{21}-(CH_2)_n$ -[[,]]; _i

[[•]] R_{21} [[=]] is CHO[[,]]; $COOR_{17}$ [[,]]; or a heteroaryl group selected from the group consisting of 2-pyridyl, 4-pyridyl, and 2-pyrimidinyl, which is unsubstituted or substituted identically or differently by one or several F, Cl, Br, I, NO_2 , OH, alkyl, alkyloxy, CN, NC or CF_3 , CHO, COOH, COO alkyl, SO_3H , SH or S-alkyl groups[[,]]; or [[•]] a methyl group, which is substituted by 1-3 phenyl groups, which are unsubstituted or substituted identically or differently by one or more F, Cl, Br, I, NO_2 , NH_2 , alkyl, alkyloxy, CN, NC or CF_3 groups[[,]]; _i

wherein $[[G_8]]$ \underline{G}_6 can also be:



$[[\bullet]]$



$[[\bullet]]$ $-\text{CHO}$, COOR_{17} , or $-\text{CONR}_{17}$

[[•]] a ~~substituted or unsubstituted~~ straight or branched lower alkyl, alkenyl, alkynyl, cycloalkyl or aryl groups[[,]]; or

[[•]] -O-R₁₇, -NR₁₇R₁₈ phthalamido, -CN or -NC;

~~R₇ is identical with R₆ or represents O⁽⁻⁾ (N-oxide) or a free electron pair (e-pair), wherein R₆ and R₇ can also form a common ring, 3 to 8 carbon atoms in size and~~

[[•]] X ~~exists only if, and~~ represents an ion of a pharmacologically unstable inorganic or organic acid, ~~where R₅ and R₆ are present and the nitrogen atom thus carries a positive charge; and~~

[[•]] Z [[=]] N ~~or is~~ N⁺ ~~in the event that R₄ and R₇ are present jointly and R₇ are present jointly and R₇ is not O[[]].[[--]]~~

Claims 2 to 7 (Canceled).

8. (New) A compound of claim 1, wherein R₃ is OCH₃.
9. (New) A composition comprising a compound of claim 1 in admixture with a pharmaceutically acceptable excipient.
10. (New) A method for treating Alzheimer's disease comprising administering to a human patient in need thereof a pharmaceutically acceptable amount of a compound of claim 1.